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	ISBN	3-319-49751-0
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XV, 385 p. 181 illus., 162 illus. in color.)
	Disciplina	006.6
	Soggetti	Computer graphics Statistics Application software Computer software R (Computer program language) Computer Graphics Statistics, general Computer Applications Professional Computing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Data for Everybody -- Structure and Technical Requirements -- Implementation in R -- Beyond R -- Regarding the Examples -- Categorical Data -- Distributions -- Time Series -- Scatter Plots -- Maps -- Illustrative Examples.
	Sommario/riassunto	This book introduces readers to the fundamentals of creating presentation graphics using R, based on 100 detailed and complete scripts. It shows how bar and column charts, population pyramids, Lorenz curves, box plots, scatter plots, time series, radial polygons, Gantt charts, heat maps, bump charts, mosaic and balloon charts, and a series of different thematic map types can be created using R's Base Graphics System. Every example uses real data and includes step-by-step explanations of the figures and their programming. The open source software R is an established standard and a powerful tool for various visualizing applications, integrating nearly all technologies

relevant for data visualization. The basic software, enhanced by more than 7000 extension packs currently freely available, is intensively used by organizations including Google, Facebook and the CIA. The book serves as a comprehensive reference guide to a broad variety of applications in various fields. This book is intended for all kinds of R users, ranging from experts, for whom especially the example codes are particularly useful, to beginners, who will find the finished graphics most helpful in learning what R can actually deliver. Features and Benefits Offers a comprehensive introduction to creating presentation graphics with R Presents the complete code of 100 examples from various fields Includes step-by-step explanations of the programming of figures, based on real data.